



# Declaration on materials and the environment

<b>Product</b>	Type	<b>AXT211F110 / F210 / F112 / F212</b>
	Description	<b>Thermal actuator</b>
	Range	<b>Actuator for unit valves</b>
<b>Product usage</b>	Typical energy consumption p.a.	<b>approx. 2.4 kWh</b>
	CE conformity	<b>PDS 55.100</b>
	Servicing, maintenance	<b>PDS 55.100</b>
	How the environment benefits	<b>see last page</b>
<b>Risk to the environment in the event of damage</b>	Fire protection as per	<b>EN 60695-2-11, EN 60695-10-2</b>
	Fire load <sup>(1)</sup>	<b>2.9 MJ</b>
	Parts containing halogen (causing corrosive smoke)	<b>PVC cable</b>
	Pollutive liquids	<b>none</b>
	Explosive substances	<b>none</b>
<b>Packaging*</b>	Cardboard GD2 - 450g/m <sup>2</sup>	<b>25 g</b>

<sup>(1)</sup> See **Remarks** on last page

\*Directive 94/62/EC and follow-up document; decision 97/129/EC

<b>Materials</b>	<b>Total weight of product <sup>(2)</sup></b>	<b>160 g</b>	<b>Safety data sheet</b>	<b>EU waste code**</b>
<b>Synthetics</b>				
PA 6 GF 25%		<b>38 g</b>	Yes	20 01 39
PA (Hotmelt OM633)		<b>4 g</b>	Yes	20 01 39

PA 66 GF 45%	28 g	Yes	20 01 39
POM	0.3 g	Yes	20 01 39
PA 66 CF 30%	4 g	Yes	20 01 39
PBT	3 g	Yes	20 01 39
FKM	1 g	Yes	20 01 39
<b>Metal</b>			
Steel, various alloys	20.5 g	Not required	20 01 40
Brass	9 g	Not required	20 01 40
<b>Miscellaneous</b>			
Wax	2 g	Yes	20 01 26
<b>Special components</b>			
PVC cable & plug	50 g	Not required	20 01 36
Bajonet nut M30x1,5	3 g <sup>(2)</sup>	Yes	20 01 39
Lubricant Shm	0.1 g	Yes	20 01 26

**N.B.:**

Silicone content: 0.015 g silicone grease is needed in the thermal element

<sup>(2)</sup> See **Remarks** on last page

\*\*Directive 75/442/EEC and follow-up document; decision 2001/118/EC

**Disposal****Product:**

For its disposal, the product should be treated as waste containing electrical and electronic equipment (electrical/electronic waste) and should not be disposed of as household waste. This applies in particular to the printed circuit board.

Fr. Sauter Ltd. observes the European directive 2002/95/EG (RoHS); the company's soldered products have been lead-free since 01.07.2006. Special treatment of particular components may, under certain circumstances, be either compulsory by law or ecologically advisable.

**Packaging:**

Recyclable

**Observe local regulations and the latest applicable laws.**

**Special notes:**

none

**Remarks****(1) Fire load, depending on type:**

Accessories:

- 0550602021 Plug and cable 2 m	0.6 MJ
- 0550602.... Plug and cable X m per metre of cable	+0.12 MJ
- 0550024001 Disassembly protection	0.8 MJ
- 055039.... Bayonet nut H_H/N/S	+0.25 MJ

**(2) Weight, depending on type:**

Accessories:

- 0550602021 Plug and cable 2 m	62 g
- 0550602.... Plug and cable X m per metre of cable	±26 g
- 0550024001 Disassembly protection	25 g
- 055039.... Bayonet nut H_H/N/S	8 g

**How the environment benefits**

- Automatic compensation reduces energy losses that arise due to spindle tolerances

**Disclaimer: This declaration is solely for information purposes.**

If circumstances arise, Sauter may change the above-mentioned specifications without prior notice.

Fr. Sauter Ltd. expressly rejects any liability for damage occurring due to the above information.

Further information on environmental aspects in general and on disposal in particular can be obtained from the local Sauter agent.